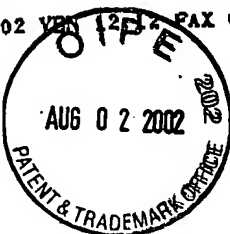


28/03 02 VEN 123 FAX 0478/4254

CABINET DE BEAUMONT

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002

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04-22-02

## Declaration and Power of Attorney for Patent Application

### Déclaration et Pouvoirs pour Demande de Brevet

#### French Language Declaration

En tant que l'inventeur nommé ci-après, je déclare par le présent acte que:

Mon domicile, mon adresse postale, et ma nationalité sont ceux figurant ci-dessous à côté de mon nom.

Je crois être le premier inventeur original et unique (si un seul nom est mentionné ci-dessous), ou l'un des premiers co-inventeurs originaux (si plusieurs noms sont mentionnés ci-dessous) de l'objet revendiqué, pour lequel une demande de brevet a été déposée concernant l'invention intitulée:

**PHOTODETECTOR WITH THREE TRANSISTORS**

et dont la description est fournie ci-joint à moins que la case suivante n'ait été cochée:

☒ a été déposée le 12 FEVRIER 2002 sous le numéro de demande des Etats-Unis ou le numéro de demande international PCT 10/075 092

☐ les spécifications portant le dossier de l'avocat numéro \_\_\_\_\_

et modifiée le \_\_\_\_\_  
(le cas échéant).

Je déclare par le présent acte avoir passé en revue et compris le contenu de la description ci-dessus, revendications comprises, telles que modifiées par toute modification dont il aura été fait référence ci-dessus.

Je reconnais devoir divulguer toute information pertinente à la brevetabilité, comme défini dans le Titre 37, §1.56 du Code fédéral des réglementations.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

the specification of which is attached hereto unless one of the following boxes is checked:

☒ was filed on 12 FEBRUARY 2002 as United States Application Number or PCT International Number 10/075 092

☐ the specification of which bears attorney docket No. \_\_\_\_\_

and was amended on \_\_\_\_\_  
(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

29/03 '02 VEN 12:12 FAX 0476 1254

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2003

**French Language Declaration**

Je revendique par le présent acte avoir la priorité étrangère, en vertu du Titre 35, § 119(a)-(d) ou § 365(b) du Code des Etats-Unis, sur toute demande étrangère de brevet ou certificat d'inventeur ou, en vertu du Titre 35, § 365(a) du même Code, sur toute demande internationale PCT désignant au moins un pays autre que les Etats-Unis et figurant ci-dessous et, en cochant la case, j'ai aussi indiqué ci-dessous toute demande étrangère de brevet, tout certificat d'inventeur ou toute demande internationale PCT ayant une date de dépôt précédant celle de la demande à propos de laquelle une priorité est revendiquée.

Prior foreign application(s)

Demande(s) de brevet antérieure(s)

01/01880

FRANCE

(Number)  
(Numéro)(Country)  
(Pays)(Number)  
(Numéro)(Country)  
(Pays)

Je revendique par le présent acte tout bénéfice, en vertu du Titre 35 § 119(e) du Code des Etats-Unis, de toute demande de brevet provisoire effectuée aux Etats-Unis et figurant ci-dessous.

(Application No.)  
(N° de demande)(Filing Date)  
(Date de dépôt)(Application No.)  
(N° de demande)(Filing Date)  
(Date de dépôt)

Je revendique par le présent acte, le bénéfice, en vertu du Titre 35 § 120 du Code des Etats-Unis, de toute demande de brevet effectuée aux Etats-Unis, ou en vertu du Titre 35, § 365(c) du même Code, de toute demande internationale PCT désignant les Etats-Unis et figurant ci-dessous et, dans la mesure où l'objet de chacune des revendications de cette demande de brevet n'est pas divulgué dans la demande antérieure américaine ou internationale PCT, en vertu des dispositions du premier paragraphe du Titre 35, § 112 du Code des Etats-Unis, je reconnais devoir divulguer toute information pertinente à la brevetabilité, comme défini dans le Titre 37, § 1.56 du Code Fédéral des réglementations, dont j'ai pu disposer entre la date de dépôt de la demande antérieure et la date de dépôt de la demande nationale ou internationale PCT de la présente demande.

(Application No.)  
(N° de Demande)(Filing Date)  
(Date de Dépôt)(Application No.)  
(N° de Demande)(Filing Date)  
(Date de Dépôt)

Je déclare par le présent acte que toute déclaration ci-incluse est, à ma connaissance, véridique et que toute déclaration formulée à partir de renseignements ou de suppositions est venue pour véridique; et de plus, que toutes ces déclarations ont été formulées en sachant que toute fausse déclaration volontaire ou son équivalent est passible d'une amende ou d'une incarcération, ou des deux, en vertu de la Section 1001 du Titre 18 du Code des Etats-Unis, et que de telles déclarations volontairement fausses risquent de compromettre la validité de la demande de brevet ou du brevet délivré à partir de celle-ci.

I hereby claim foreign priority under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States, listed below, and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Priority not claimed

12 FEBRUARY 2001 Droit de priorité non revendiqué

(Day/Month/Year Filed)  
(Jour/Mois/Année de dépôt)(Day/Month/Year Filed)  
(Jour/Mois/Année de dépôt)

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or § 365(c) of any PCT international application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Status) (Patented, pending abandoned)  
(Statut) (breveté, en cours d'examen, abandonné)(Status) (Patented, pending abandoned)  
(Statut) (breveté, en cours d'examen, abandonné)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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0004

## French Language Declaration

POUVOIR: En tant que l'inventeur cité, je désigne par la présente l'(les) avocat(s) et/ou agent(s) suivant(s) pour qu'(il)s poursuive(nt) la procédure de cette demande de brevet et traite(nt) toute affaire s'y rapportant avec l'Office des brevets et des marques: (mentionner le nom et le numéro d'enregistrement).

|                      |        |                        |        |
|----------------------|--------|------------------------|--------|
| David Wolf           | 17,528 | Peter C. Lando         | 34,654 |
| George L. Greenfield | 17,756 | Gary S. Engelson       | 35,128 |
| Stanley Sacks        | 19,900 | Peter J. Gordon        | 35,164 |
| Edward F. Perlman    | 28,105 | Randy J. Pritzker      | 35,986 |
| Lawrence M. Green    | 29,384 | Richard F. Glunda      | 36,149 |
| Steven J. Hervey     | 27,900 | Douglas R. Wolf        | 36,971 |
| Edward R. Gates      | 31,616 | Elizabeth R. Pinner    | 36,637 |
| Theresa A. Hendricks | 30,389 | Timothy J. Oyer        | 36,628 |
| William R. McClellan | 29,409 | John N. Anastasi       | 37,765 |
| Ronald J. Krandulorf | 20,004 | Helen C. Lockhart      | 39,248 |
| M. Lawrence Oliverio | 30,915 | James M. Hanftm, Jr.   | 37,929 |
| Jason M. Honeyman    | 31,624 | Christopher S. Schultz | 39,039 |
| James H. Morris      | 34,681 |                        |        |

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

|                           |        |                       |        |
|---------------------------|--------|-----------------------|--------|
| Paul D. Sorokin           | 40,212 | Stephen R. Finch      | 42,534 |
| John R. VanAmsterdam      | 33,228 | Joseph Teja, Jr.      | 45,157 |
| Matthew B. Lowrie         | 36,904 | Jeffrey B. Powers     | 45,021 |
| Robert E. Rigby, Jr.      | 41,316 | Alan W. Steele        | 45,128 |
| Robert A. Skrivensak, Jr. | 40,886 | Daniel P. McLoughlin  | 46,066 |
| Robert M. Abrahamson      | 37,482 | Robert H. Walat       | 46,324 |
| Alan B. Short             | 42,147 | Thomas G. Field       | 45,596 |
| Edward J. Runsvage        | 43,069 | Michael J. Pomianek   | 46,190 |
| William G. Gort           | 27,787 | M. Brad Lawrence      | 47,210 |
| Nell P. Ferraro           | 39,188 | Theodore E. Galanthay | 24,122 |
| Lisa E. Wincor            | 44,405 | Lisa K. Jorgenson     | 34,845 |
| Mark Steinberg            | 40,829 | Robert D. McCutcheon  | 38,717 |

Addresser toute correspondance à:

Send correspondence to:  
James H. Morris  
Wolf, Greenfield & Sacks, P.C.  
Federal Reserve Plaza  
600 Atlantic Avenue, Boston, MA 02210-2211(USA)

Addresser tout appel téléphonique à:  
(Nom et numéro de téléphone)

Direct Telephone Calls to: (name and telephone number)  
James H. Morris  
(617) 720-3500

Nom complet de l'unique ou premier inventeur  
**ROY François**

Full name of sole or first inventor

Signature de l'inventeur

Date

Inventor's signature

Date

Domicile

38000 GRENOBLE, FRANCE

Residence

Nationalité

French

Citizenship

Adresse Postale

10, Place Saint Bruno

Post Office Address

Nom complet du second co-inventeur, le cas échéant

Full names of second or joint inventor

Signature de l'inventeur

Date

Inventor's signature

Date

Domicile

Residence

Nationalité

Citizenship

Adresse Postale

Post Office Address

(Fournir les mêmes renseignements et la signature de tous co-inventeurs supplémentaires.)

(Supply similar information and signature for third and subsequent joint inventors.)



Atorney's Docket No. S01022/80748

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# RECORDATION FORM COVER SHEET PATENTS ONLY

FORM PTO-1598

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

François Roy

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: March 26, 2002

## 2. Name and address of receiving party(ies)

Name: STMicroelectronics S.A.

Internal Address:

Street Address: 29, Boulevard Romain Rolland  
92120 Montrouge, FranceAdditional name(s) & addresses(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No.(s)

10/075,092

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence  
Concerning document should be mailed:

Name: James H. Morris  
Address: WOLF, GREENFIELD & SACKS, P.C.  
Federal Reserve Plaza  
600 Atlantic Avenue  
Boston, MA 02210

## 6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed
☐ Authorized to be charged to deposit account  
The Commissioner is authorized to charge:

8. Deposit Account No: 23/2825

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## 9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

James H. Morris

Name of Person Signing

Signature

April 11, 2002

Date

Total number of pages including cover sheet, attachments, and document: [2]

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

29/03 02 VEN 12:13 FAX 0476 9254

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ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) ROY François (4) \_\_\_\_\_  
 (2) \_\_\_\_\_ (5) \_\_\_\_\_  
 (3) \_\_\_\_\_ (6) \_\_\_\_\_

who have made a certain new and useful invention, hereby sell, assign and transfer unto

STMicroelectronics S.A.  
29, Boulevard Romain Rolland  
92120 MONTROUGE, FRANCE

its successors and assign (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

PHOTODETECTOR WITH THREE TRANSISTORS

(a) for which an application for United States Letters Patent was filed on 12 FEBRUARY 2002, and identified by United States Serial N° 10/075 092; or

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORSDATE SIGNED

1) ROY François  
 Name: \_\_\_\_\_  
 2) \_\_\_\_\_  
 Name: \_\_\_\_\_  
 3) \_\_\_\_\_  
 Name: \_\_\_\_\_  
 4) \_\_\_\_\_  
 Name: \_\_\_\_\_  
 5) \_\_\_\_\_  
 Name: \_\_\_\_\_  
 6) \_\_\_\_\_  
 Name: \_\_\_\_\_

ROY 26 March 2002